



**(43) International Publication Date**  
**15 April 2004 (15.04.2004)**

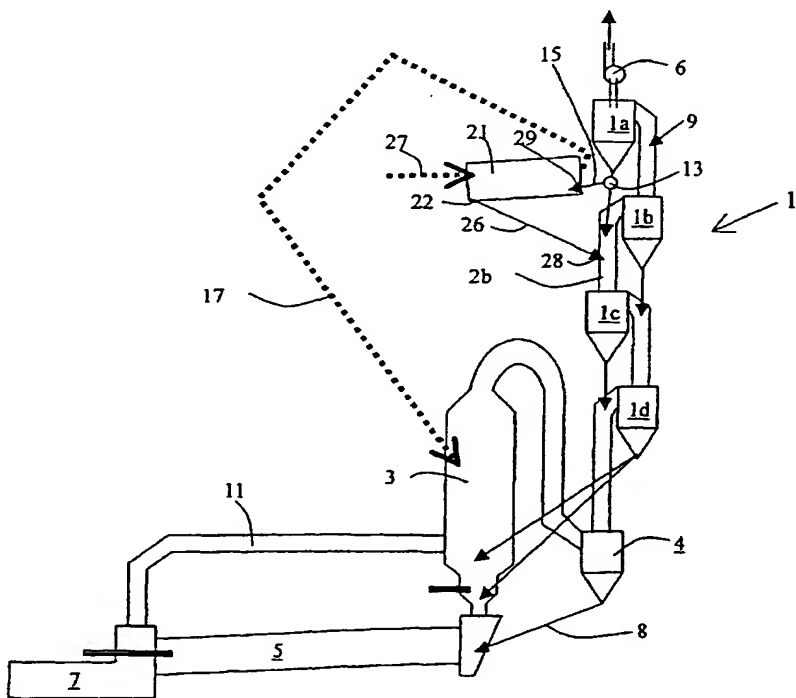
**PCT**

**(10) International Publication Number**  
**WO 2004/031092 A1**

- (51) International Patent Classification<sup>7</sup>: C04B 7/43, F27B 7/20, F23J 15/02
- (21) International Application Number: PCT/IB2003/003171
- (22) International Filing Date: 11 July 2003 (11.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: PA200201467 2 October 2002 (02.10.2002) DK
- (71) Applicant (for all designated States except US): FL. SMIDTH A/S [DK/DK]; Vigerslev Allé 77, DK-2500 Valby (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): SKAARUP
- JENSEN, Lars [DK/DK]; Hydreengen 103, DK-2625 Vallensbaek (DK). HANSEN, Jens, Peter [DK/DK]; Fredriksdalsvej 10D, 1. tv., DK-2830 Virum (DK).
- (74) Agents: KYLIN, Peter et al.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

*[Continued on next page]*

(54) Title: METHOD AND PLANT FOR MANUFACTURING CEMENT CLINKER



**(57) Abstract:** Described is a method for manufacturing cement clinker by which method cement raw meal is preheated and burned in a plant comprising a cyclone preheater (1) and a kiln (5). The method is peculiar in that that at least a portion of the raw meal is extracted from the cyclone preheater (1), that this raw meal is introduced into a separate unit (21) in which it is given a retention time under oxidating conditions provided by means of a gas stream for forming SO<sub>2</sub> and for expelling organic carbon, that the formed SO<sub>2</sub> and the expelled organic carbon are subsequently discharged from the separate unit (21) entrained in the gas stream for further treatment in a subsequent process stage, and that the raw meal is reintroduced into the cyclone preheater (1). Hereby is obtained an effective reduction of the VOC, CO as well as the SO<sub>2</sub> emission without necessitating utilization of additional energy for heating. By giving the extracted and partially preheated raw meal a retention time under

oxidating conditions separate from the cyclone preheater it is obtained that sulphide will oxidate into SO<sub>2</sub> and that organic carbon is expelled from the raw meal, so that the thus formed SO<sub>2</sub> and the thus expelled organic carbon can be entrained in a separate, relatively small gas stream and subjected to subsequent treatment in the optimum manner.

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